KD-201C Local Examination Lamp

USER MANUAL

Joyfay Delicate

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Ⅰ.Brief introduction

Model：KD-201C

Scope of application：This product is a local auxiliary check lamp, designed for doctors and nurses in diagnosis and treatment process which demand higher for local lighting. It is mostly used in outpatient visit and miniature operation occasion.

Characteristic: Small, can be bent freely, can be used together with wall clip, ceiling clip, table clip and floor prop, wide serviceability.

Product component: Lamp holder, hose, power box, support parts and power cord.

II. Performance Summarize:

The check lamp is designed with low voltage cold lighting system and high power LED lighting source, safe and reliable. Lamp holder has the function of curve transfer and rotating. Convenient, safe and reliable.

The design and production of this light source strictly executes the first part of the safety requirements of medical electrical equipment GB4793.1-2007: general requirements are guaranteed in safety.

III Main technical parameters:

Input voltage: 90V～240V　50HZ-60HZ
Lamp power: 35W□　50W□
Input power: ≤60W
Color temperature: 3600K±500K
Fuse protector：2A

IV Security tips and symbol instructions

1. When the check lamp is in use, you should always abide by the basic safety precautions in order to avoid fire, electric shock or the risk of injury,.

(1) Please read the instructions carefully, and operating according to the specifications and requirements.

(2) When replace the bulbs, you must first turn off the power switch and pull out the power cord.

(3) The replacement of fuse protector should be the same with the mark.

2. The introduction of the following symbols

Attention! Check the random documents!

Protect the grounding!

Disconnect the power

Connect the power

V Working Environment

A. Environmental temperature: -10℃～+40℃
B. Relative humidity : ≤75%
C. The atmosphere: 86.0~106.0kPa

VI Product list

Check lamp: one
power line: one
Fixture: ①table clip□　②guide rail clip□　③wall clip□
Floor prop: ①fixed floor prop□ ②lift floor prop

Ⅶ Product　interface

1.Master device of KD-201C

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①lock screw ②connecting pin ③power switch ④power box
⑤brightness control ⑥hose ⑦lamp holder ⑧flare-adjusting ring

2. Fixture interface

picture2 picture3 picture4 picture5

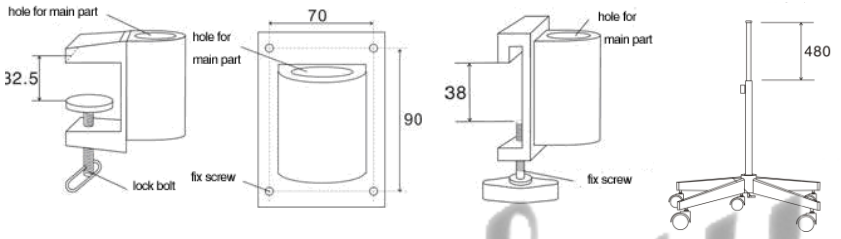


table clip wall clip guide rail clip floor prop

Ⅷ Assembly and debugging

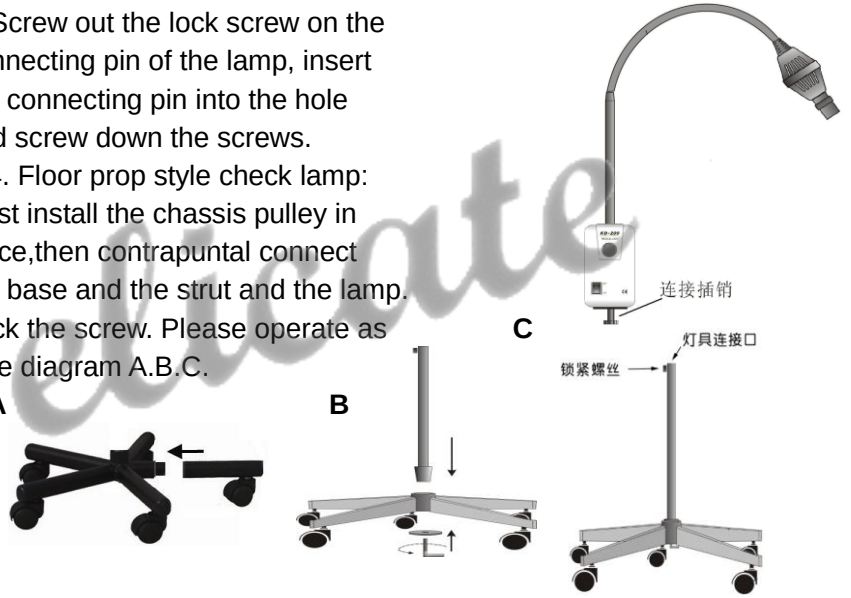
Open the packing box, check whether there are missing parts or damage phenomenon of the products according to the product list. If there is any problem, please contact with the dealer or manufacturer in time to get solved properly.

1. Wall hung style check lamp: first determine the position of clip, size is as shown in picture (2). Using a drill to dig four 10 mm holes with 25 mm depth. Plug the wooden stopper into the hole with a hammer, fix the hanging fixture with tapping screws. Screw out the lock screw on the connecting pin of the lamp, insert the connecting pin into the hole and screw down the screws.

2. Table clip style check lamp: first install the clip (picture 3) in desktop or mesa satisfying position, lock the fixed screw to make the clip firmed in the desktop or mesa. Screw out the lock screw on the connecting pin of the lamp, insert the connecting pin into the hole and screw down the screws.

3. Guide rail clip style check lamp: adjust the bolt to the right size according to the track (picture 4), carry forward it into orbit and lock it. Screw out the lock screw on the connecting pin of the lamp, insert the connecting pin into the hole and screw down the screws.

4. Floor prop style check lamp: first install the chassis pulley in place,then contrapuntal connect the base and the strut and the lamp. Lock the screw. Please operate as the diagram A.B.C.



Install according to the steps above, the lamp can work. Turn on the power switch, the lamp begins to work.

5. Debugging:

a. bending the hose, you get the right lighting position and angle.

b. debugging the height of the support, you can get the right illume height.

c. brightness adjusting knob in picture1 can change the lighting intensity.

d. flare-adjusting ring in picture1 can change the spot size.

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Ⅸ Note

1. Please pull out the power plug before clean the lamp, do not use liquid spray to clean it.

2. When install the lamp, please assemble and reinforce it according to the instruction of the technical requirements.

3. Do not use the lamp near water.

4. You should do the bulb replacement after the bulb is cool.

5. The maintenance, installation, commissioning of the lamp should be operated by professional.

6. Never put any item on the power line.

7. The old bulbs should be put in the trash can, avoid human body scratch by the glass pieces.

8. The light intensity of illumination is higher, you should be cautious in use with your eyes.

Ⅹ Failure Judgment and Eliminating Methods

(It should be operated by the professionals)

Fault phenomena	Fault cause	Solution
Turn on the power switch, the indicator is not bright	Power lines have no electricity	Connect to the circuit where there is electricity supply
	The power cord is not connected well	Reconnect the power cord
	Fuse damage	Change the fuse
Turn on the power switch, the indicator is bright but the lamp is not bright	Brightness adjusting button is not open	Transfer the brightness adjusting button to the maximum
	Flare-adjusting ring is not open	Transfer the flare-adjusting ring to the maximum
	System line fault	Contact with the after-sale service department for solution
Other fault		Contact with the after-sale service department for solution

Ⅺ Replacement of bulbs

The method of bulb replacement:

(1) Choose halogen bulbs with the same model and specification.

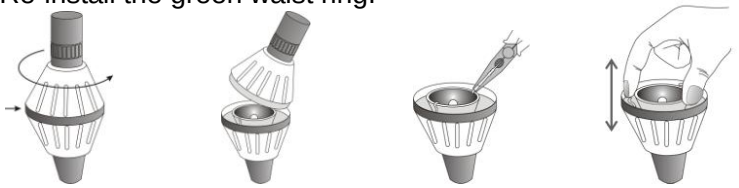
(2)You must turn off the power switch and pull out AC power cable before the replacement.

(3) Back off the green waist ring on the lampshade.

(4) Use a pointed plier to take off the spring of the bulb hook.

(5) Take out the old bulb, change the new bulb.

(6)Re-install the green waist ring.



step1 step2 step3 step4

Ⅻ After-sales service warranty

Warranty of 18 months, provide maintenance service all user's life.

◆In the warranty period, in normally using, the trouble because of the product quality, the consumer depends on the warranty slip and invoice enjoys free maintenance service.

◆If the error caused by refitted or install other functions which is without our company's permission, is not within the scope of warranty.

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◆If the model, number, release date is modified, deleted, moved or unrecognized, will not enjoy the maintenance service.

◆The error caused by human factor such as falling, squeezing, dip in, wetting, etc. is not within the scope of warranty.

◆Once receiving the goods, please sign and accept it after opening the package to inspect and confirm whether the instrument is crushed, scratched or not. Make sure there is no special unnumbered inside. If the goods are damaged and you did not inspect before sign it, it will be at your own risk.

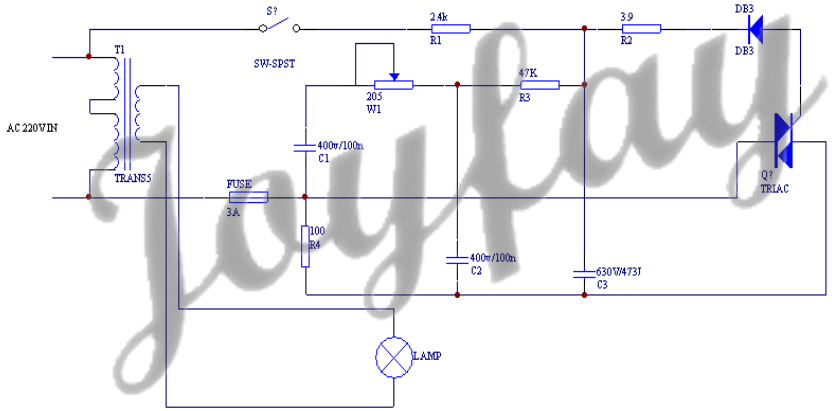
ⅩⅢTransportation and storage conditions

A. Environmental temperature: -40℃～55℃

B. Relative humidity : ≤70%

C. The atmosphere: 50Kpa～106Kpa

ⅩⅣElectrical schematic diagram and components list



N0.	Material name	Specification	Quantity	Remark
1	Circuit board		1	
2	Bilateral diode	DB3	1	
3	Resistance	2.4K/0.25W	1	
4	Resistance	39Ω /0.25W	1	
5	Resistance	47K/0.25W	1	
6	Resistance	100Ω /0.25W	1	
7	Adjustable resistance	2K	1	
8	Capacitance	100nf/400V	2	
9	Capacitance	473J/630V	1	
10	Power transformer	30W	1	
11	Power switch		1	
12	Silicon controlled	BTA06D	1	
13	Fuse	F2A-L250	1	

Any products may be updated or improved. The change of circuit or element specifications of the product will not with prior notice.

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Warranty card

Company name：			
Address		Phone No.	
Product name		Model	
Serial Number		Manufacture date	
Sale date			
Fault description:			
Remark: The warranty of our products is 18 months since the release date.			

(Please truthfully fill in this form, cut it according to the dotted line and send it back to our company, thank you for your cooperation)

Maintenance card

Company name：			
Address		Phone No.	
Product name		Model	
Serial Number		Manufacture date	
Sale date			
Fault description:			
Remark: You can enjoy seventy percent discount for the maintenance services even if you use this card over the quality assurance period.			

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